|            | · Index of Claims |          |         |          |               |   |         |   |          |                               |     |                        |          | Αp        | Application/Control No. |              |         |              |                    |         |      |              |            | Applicant(s)/Patent under Reexamination |           |             |        |    |          |                 |           |  |   |
|------------|-------------------|----------|---------|----------|---------------|---|---------|---|----------|-------------------------------|-----|------------------------|----------|-----------|-------------------------|--------------|---------|--------------|--------------------|---------|------|--------------|------------|-----------------------------------------|-----------|-------------|--------|----|----------|-----------------|-----------|--|---|
|            |                   |          |         |          |               |   |         |   |          |                               |     |                        |          | ۱         | 10/004 507              |              |         |              |                    |         |      |              |            |                                         |           | PARK ET AL. |        |    |          |                 |           |  |   |
| 6          |                   |          |         |          |               |   |         |   |          |                               |     | 10/601,597<br>Examiner |          |           |                         |              |         |              |                    |         |      | t U          |            |                                         |           |             |        |    |          |                 |           |  |   |
|            |                   |          |         |          |               |   |         |   |          |                               | 1   |                        |          |           |                         |              |         |              |                    |         | 2822 |              |            |                                         |           |             |        |    |          |                 |           |  |   |
|            |                   |          |         |          | _             |   |         |   |          |                               |     |                        |          | _         |                         | Monica Lewis |         |              |                    |         |      |              |            |                                         | 20        | 322         |        |    |          |                 |           |  |   |
|            |                   |          |         | _        | _             | _ | 1       | 1 | П        | _                             | (T) | nnou                   | ah c     | wm        | ara                     | 1)           | 7       | П            | Non-Elected        |         |      |              | П          |                                         |           |             |        |    |          |                 |           |  |   |
| √ Rejected |                   |          |         |          |               |   |         |   |          | - (Through numer<br>Cancelled |     |                        |          |           |                         | -,           | ╛       | N Non-Electe |                    |         |      | De           |            | Δ                                       | Appeal    |             |        |    |          |                 |           |  |   |
|            |                   |          | E       | Allowed  |               |   |         |   | •        | Restricted                    |     |                        |          | •         | - [                     |              |         | Interference |                    |         | o    | Objected     |            |                                         |           |             |        |    |          |                 |           |  |   |
|            |                   |          |         |          |               |   |         | - | Ц        |                               |     |                        |          |           |                         |              |         | Ш            |                    |         |      |              |            | Ш                                       |           |             |        |    |          |                 |           |  |   |
|            | Cli               | im       | Date    |          |               |   |         | _ | _        | Claim                         |     |                        |          |           |                         | Dat          | 0       |              |                    | Cla     |      | eim_         |            | Date                                    |           |             |        | _  | $\Box$   |                 |           |  |   |
|            | <b>a</b>          | <b>B</b> | g       |          |               |   |         |   |          |                               |     | 78                     | 폏        | Н         |                         | ł            |         |              |                    |         |      | 78           | 5          |                                         |           | -           |        |    |          |                 |           |  |   |
|            | E<br>B            | Original | \$20,05 |          | 1             |   |         |   |          |                               |     | Fre                    | Original |           |                         | ı            |         |              |                    |         |      | Finel        | Original   |                                         | ١         | 1           |        |    |          |                 |           |  |   |
|            | -                 | 1        | ┝       | Н        | +             | ╀ | ╁┼      | - | Н        | $\dashv$                      |     |                        | 51       | ┤┤        | +                       | ┿            | ╫       | Н            | $\dashv$           | ╁       |      |              | 101        | Н                                       | $\dashv$  | ╫           | ╁      | ╁╴ | Н        | +               | $\dashv$  |  |   |
|            |                   |          |         |          | $\Rightarrow$ | # | $\Box$  |   |          | $\Box$                        |     |                        | 52       | $\Box$    | #                       | 7            | Ŧ       |              | $\Box$             | 工       |      |              | 102        | П                                       | 4         | Ŧ           | Ŧ      | F  | Н        | $\Box$          | 7         |  |   |
|            | -                 | 2        | H       | Н        | +             | ┿ | +       |   | Н        | $\dashv$                      |     |                        | 53<br>54 | ╁         | +                       | +            | ╁       | Н            | $\dashv$           | ╁       |      |              | 103        | Н                                       | $\dashv$  | +           | ╁      | ╁  | Н        |                 | $\exists$ |  |   |
|            |                   | 45/      | 7       |          | 士             | 土 | 口       |   |          | コ                             |     |                        | 55       |           |                         | コ            | $\perp$ |              | $\Box$             | 1       |      |              | 105        |                                         | $\exists$ | 7           | I      | L  |          |                 | $\exists$ |  |   |
|            | _                 | *        | ⊢       | Н        | +             | ┿ | ₩       | _ | H        | ⊣                             |     |                        | 56<br>57 | Н         | +                       | +            | ╫       | Н            | Н                  | +       |      |              | 106        | ┨                                       | 4         | +           | ╀      | ╀  | Н        | $\dashv$        | $\dashv$  |  |   |
|            | ┢                 |          | _       | Н        | +             | + | ╁       | _ | H        | ٦                             |     |                        | 58       | $\vdash$  | +                       | $\dagger$    | +       | Н            | H                  |         | 1    |              | 108        | Ħ                                       | 1         |             | 土      | 士  | $\Box$   |                 | ゴ         |  |   |
|            |                   | *        |         |          | 1             | 1 | $\Box$  |   |          | コ                             |     |                        | 59       | П         | 4                       | 7            | 4       | П            | $\Box$             | Ŧ       |      |              | 109        | П                                       | 4         | 7           | Ţ      | L  |          | $\vdash$        | 4         |  |   |
|            | _                 | 1        | ⊢       | Н        | ╁             | ╫ | ╂┥      | - | Н        | $\dashv$                      |     |                        | 60<br>61 | Н         | ╅                       | +            | +       | Н            | ${oldsymbol{	op}}$ | ╁       | ┨    |              | 110        | Н                                       | ┪         | +           | +      | 十  | Н        | $\dashv$        | ┨         |  |   |
|            |                   |          |         |          | 1             | 士 | 力       | _ |          | ╛                             |     |                        | 62       |           | 1                       | 1            | İ       |              |                    | 土       |      |              | 112        |                                         |           | $\perp$     | 土      | 工  |          |                 | $\exists$ |  |   |
|            |                   | \$       |         |          | 4             | 1 | $\Box$  |   | П        | $\dashv$                      |     |                        | 83       | П         | 4                       | 4            | +       | Н            | Н                  | 4       | -    |              | 113        | Н                                       | 4         | +           | +      | ╀  | $\vdash$ | $\vdash$        | -         |  |   |
|            | $\vdash$          | 1        | ┝       | Н        | $\dashv$      | ╁ | ╁┤      | _ | Н        | ᅱ                             |     |                        | 65       | ╁┤        | ╅                       | ┿            | ╅       | $\vdash$     | H                  | ╫       | ┨    |              | 115        | Н                                       | ┪         | +           | +      | 十  | $\vdash$ | H               | -         |  |   |
|            |                   |          |         |          | コ             | 1 |         | _ |          | $\Box$                        |     |                        | 66       | П         | 7                       | 1            | 1       |              |                    | #       | 1    |              | 116        | П                                       | $\Box$    | $\Box$      | I      | I  |          | П               | 4         |  |   |
|            | _                 | 2        | -       | Н        | +             | ┿ | +       | _ | H        | -                             |     |                        | 67<br>68 | Н         | 4                       | +            | ╁       | -            | Н                  | +       | -    |              | 117<br>118 | Н                                       | $\dashv$  | +           | ╁      | ╀  | ╁        | ┝┤              | $\dashv$  |  |   |
|            |                   | 3        | ì       | Н        | $\pm$         | 1 | Ш       |   |          |                               |     |                        | 69       | 廿         | 1                       | 1            | t       |              | 旦                  | 土       |      |              | 119        |                                         | $\Box$    | 二           | 1      | 1  | 匚        |                 | コ         |  |   |
|            | F                 | Œ        | 11      | 11.      | $\dashv$      | 4 | +       |   |          | $\dashv$                      |     |                        | 70<br>71 | $\square$ | 4                       | 4            | 1       | -            | Н                  | +       | -    | L            | 120<br>121 | $\vdash$                                | $\dashv$  | +           | +      | ╀  | ╀        | $\vdash \vdash$ | $\dashv$  |  |   |
|            | ┝                 | 1        | H       | Н        | +             | ┰ | Н       |   | Н        | $\dashv$                      |     | -                      | 72       | † †       | +                       | +            | $\pm$   | 上            |                    | +       |      |              | 122        |                                         |           | 士           | 土      | 士  | İ        |                 | _         |  |   |
|            |                   | 7        |         |          |               | 1 | $\Box$  |   |          |                               |     |                        | 73       | П         | $\Box$                  | 4            | Τ.      | L            | П                  | _       | -    |              | 123        |                                         |           | 4           | $\bot$ | 1  | 1        | $\vdash \vdash$ | $\dashv$  |  |   |
|            | ⊢                 | 24<br>25 |         | Н        | +             | + | Н       |   | Н        | H                             |     |                        | 74<br>75 | ╂╌╂       | +                       | +            | +       | ╁            | H                  | ╁       | ┨    |              | 124<br>125 |                                         | $\dashv$  | +           | +      | +  | ╁        | ┢┤              | $\dashv$  |  |   |
|            |                   | 26       | L       |          | コ             | 土 | 口       |   |          |                               |     |                        | 76       |           | コ                       | コ            | 士       |              |                    |         | 1    |              | 126        |                                         |           | $\Box$      | 1      | I  | $\Box$   | П               | $\Box$    |  |   |
|            |                   | 28       | F       | Н        | Н             | + | 4.4     |   | Н        |                               |     | _                      | 77<br>78 | Н         | +                       | +            | ┿       | ╀            | H                  | +       | -    | -            | 127<br>128 |                                         | Н         | +           | +      | +  | Н        | $\vdash$        | ⊣         |  |   |
|            |                   | 29       | H       | Н        | 1             | + | H       |   | Н        |                               |     | -                      | 79       | Н         | +                       | +            | 十       | ✝            | Н                  | +       | 1    |              | 129        |                                         |           | 士           | T      | 士  | t        |                 | ゴ         |  |   |
|            |                   | 30       |         |          | $\Box$        | 1 | $\Box$  |   | П        |                               |     |                        | 80       | П         | $\exists$               | $\exists$    | $\bot$  | $\vdash$     |                    | Ŧ       | ]    |              | 130        |                                         |           | 4           | +      | +  | -        | $\square$       | 4         |  |   |
|            | <u> </u>          | 31       | ╀       | Н        | $\dashv$      | + | +       |   | Н        | Н                             |     |                        | 81<br>82 | H         | +                       | +            | ╬       | ╀            | Н                  | +       | -    | -            | 131<br>132 |                                         | Н         | +           | ╁      | ┿  | ╁╴       | Н               | ⊣         |  |   |
|            |                   | 33       |         |          |               | 土 |         |   |          |                               |     |                        | 83       |           |                         | コ            |         | 上            | 口                  | 工       | 1    |              | 133        | П                                       |           |             | #      | I  | 工        | 口               | $\Box$    |  |   |
|            |                   | 34<br>35 |         | Ш        | $\dashv$      | 4 | $\perp$ |   | H        | Н                             |     | <u> </u>               | 84<br>85 | Н         | 4                       | 4            | 4-      | +            | Н                  | +       | -    | <u> — </u>   | 134<br>135 | +                                       | $\dashv$  | +           | +      | ╫  | ╫        | H               | $\dashv$  |  |   |
|            | -                 | 36       |         |          | +             | + | +       | - |          |                               |     | <del> </del>           | 88       | H         | ┪                       | +            | ╅       | +            | H                  | $\perp$ | 1    |              | 136        |                                         |           |             | $\pm$  | 士  | 士        |                 | コ         |  |   |
|            |                   | 37       | П       |          |               | I | $\Box$  |   |          |                               |     |                        | 87       | П         | $\sqsupset$             | $\sqsupset$  | $\bot$  | L            | П                  | $\bot$  | ]    |              | 137        |                                         |           | $\Box$      | Ŧ      | Į. | L        | П               | $\exists$ |  |   |
| •          | $\vdash$          | 38<br>39 |         | $\vdash$ | +             | ╁ | ╫       | - | -        | Н                             |     | -                      | 88       | Н         | ᆉ                       | ┥            | ┿       | ╀            | ╂╌┨                |         | -    | $\vdash$     | 138        |                                         |           | $\dashv$    | +      | ╁  | ╂╌       | Н               | ᅱ         |  |   |
|            |                   | 40       | T       |          |               | I |         |   |          |                               |     |                        | 90       | Ħ         | ⇉                       | 1            | 士       | 二            | 口                  | 工       | ]    |              | 140        |                                         |           | $\Box$      | 1      | Ţ  | I        | 口               | $\Box$    |  |   |
|            |                   | 41       | F       | $\Box$   | $\Box$        | 4 | $\Box$  | F | F        |                               |     |                        | 91<br>92 | $\Box$    | 4                       | -[           | +       | +            | ⊦-∤                | +       | -    | <u> </u>     | 141        |                                         | Н         | -           | +      | +  | ╀        | H               | $\dashv$  |  |   |
|            | $\vdash$          | 42       |         | $\vdash$ | $\vdash$      | 十 | +       | H | $\vdash$ | $\vdash$                      |     | $\vdash$               | 93       | H         | $\dashv$                | +            | +       |              | H                  | 士       | 1    |              | 143        |                                         | Н         |             | $\pm$  | İ  | İ        | 口               |           |  |   |
|            |                   | 44       |         |          | 口             | # | $\Box$  |   |          |                               |     |                        | 94       | П         | $\Box$                  | コ            | 1       | F            | П                  | 1       | 1    |              | 144        |                                         |           | $\Box$      | 4      | Ŧ  | F        | П               |           |  |   |
|            | -                 | 45       |         | $\vdash$ | ┥             | + | +       | ┝ | $\vdash$ | Н                             |     | $\vdash$               | 95<br>96 | ╂┤        | $\dashv$                | +            | +       | ╁            | $\vdash$           | +       | -    | -            | 145        |                                         | Н         | $\dashv$    | 十      | +  | +        | ╁┤              | $\dashv$  |  | - |
|            |                   | 47       |         |          |               | 士 | 上       |   |          |                               |     |                        | 97       | П         | ⇉                       | ⇉            | 土       | 丰            | 口                  | 丰       |      |              | 147        |                                         |           |             | #      | 丰  | 1        | Ħ               |           |  |   |
|            |                   | 48       |         | $\Box$   | H             | 4 | $\Box$  | Ĺ | Г        |                               |     |                        | 98<br>99 | ╂╌┨       | 4                       | 4            | +       | +-           | $\vdash$           | +       | -    | <del> </del> | 148        |                                         | Н         | +           | +      | +  | ╁╴       | ╂┤              | $\dashv$  |  |   |
|            | $\vdash$          | 49<br>50 |         | $\vdash$ | ⊣             | + |         |   | $\vdash$ | Н                             |     |                        | 100      |           | _                       | _            | 士       | 上            | Ħ                  | 士       | _    |              | 150        |                                         | Н         | 世           | 土      | 土  | 土        | 口               |           |  |   |
|            | -                 |          | _       | _        | _             | _ |         | _ |          | _                             |     |                        | _        | _         | _                       | -            |         |              |                    |         |      |              | -          |                                         |           |             | _      |    |          |                 |           |  |   |